

GOLD KING MINE: SAMPLING SPREADSHEET

Collecting Agency ¹ 10, 14, 25	System Name	Matrix ¹	Sub-Matrix ¹	Sample Location ¹	Proposed Samples ¹		Collected Samples ¹		Analyses ^{21, 22}										Assigned Laboratory ^{21, 22} 14, 23	Preliminary Results ^{23, 22}		Data Validation ²¹		Input into SCRIBE ²¹		EPA QC of Results ²		EPA Risk Analysis ²		EPA Data Release ²		Remarks
					Proposed Date	Number of Samples	Date Samples Collected	Number of Samples Collected	Total Metals (60100-5020A, 7471A)	Total Recoverable Metals (2007, 2008, 245.1) plus Hardness by Calc (502406)	Dissolved Metals ² (2007, 2008, 245.1)	TDS (50240J)	Alkalinity (50220B)	pH (504500H+E)	Requested Analytical Turn Around Time ^{21, 22}	Anticipated Date	Actual Date Received	Target Date		Actual Date Received	Target Date	Actual Date	Target Date	Actual Date	Target Date	Actual Date	Target Date					
EPA R6	Aztec Domestic Water System	SW	SWS	ADWH-T1		1	8/6/2015	1		X	X	X	X	X	X	24 hr PR	Green Analytical	8/7/2015	8/8/2015	8/8/2015	8/9/2015		8/10/2015									
EPA R6	Farmington Water System	SW	SWS	FWS-ARP2		1	8/6/2015	1		X	X	X	X	X	X	24 hr PR	Green Analytical	8/7/2015	8/8/2015	8/8/2015	8/9/2015		8/10/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADWS-IT1		1	8/7/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/8/2015	8/9/2015	8/9/2015	8/10/2015		8/11/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADWS-IT2		1	8/7/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/8/2015	8/9/2015	8/9/2015	8/10/2015		8/11/2015									
EPA R6	Farmington Water System	SW	SWS	FWS-ARP2		1	8/7/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/8/2015	8/9/2015	8/9/2015	8/10/2015		8/11/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-FD		1	8/7/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/8/2015	8/9/2015	8/9/2015	8/10/2015		8/11/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADWS-ARP		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADWS-IT1		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADWS-IT2		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	North Star Water System	SW	SWS	NWS-ARI		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Farmington Water System	SW	SWS	FWS-ARP2		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-WPI		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Morningstar Water System	SW	SWS	MWSS-ARI		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Farmington Water System	SW	SWS	FWS-FDPS		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-FD		1	8/8/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/9/2015	8/10/2015	8/10/2015	8/11/2015		8/12/2015									
EPA R6	Farmington Water System	SW	SWS	FW-012		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-020		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Morningstar Water System	SW	SWS	MW-020		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-021		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Farmington Water System	SW	SWS	FW-040		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-030		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-010		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-022		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	North Star Water System	SW	SWS	NSW-020		1	8/9/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/10/2015	8/11/2015	8/11/2015	8/12/2015		8/13/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-010		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-021		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-022		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Morningstar Water System	SW	SWS	MW-020		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	North Star Water System	SW	SWS	NSW-020		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Farmington Water System	SW	SWS	FW-012		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Farmington Water System	SW	SWS	FW-040		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-030		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-030		1	8/10/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-010		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-021		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Farmington Water System	SW	SWS	FW-012		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-020		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	North Star Water System	SW	SWS	NSW-030		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Lower Valley Water System	SW	SWS	LWV-030		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Aztec Domestic Water System	SW	SWS	ADW-022		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Farmington Water System	SW	SWS	FW-040		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									
EPA R6	Morningstar Water System	SW	SWS	MW-020		1	8/11/2015	1		X	X	X	X	X	X	24 hr PR	TA Savannah	8/11/2015	8/12/2015	8/12/2015	8/13/2015		8/14/2015									

KEY CODE

COLLECTING AGENCY:

Environmental Protection Agency- EPA

MATRIX:

Surface Water: SW
Drinking water: DW
Sediments: SED
Soils: SS
Air: AIR
Aspect: APT

Turn Around Time:

24-hour: 24 hr
48-hour: 48 hr
72-hour: 72 hr
7-day: 7 day

ACCOUNTILITY CODE:

1 - EPA IMT
2 - EPA RRC
3 - EPA SFLT
4 - EPA Headquarters
5 - 20 Other EPA Entities

21 - START
22 - Laboratories
25 - USGS

SUB-MATRIX

Surface Water: Floodwaters (FW), Pumps (PU), Lakes (LK), Bayous (BA), Creeks (CR), Ditches (DD), River (RV), etc.
Drinking Water: Groundwater Source (GWS), Surface Water Source (SWS)
Sediment: Streets (STR), Lake (LR), River (RV), Bayous (BA), Creeks (CR), Drainage Ditches (DD), etc.
Soil: Residential Yards (RY), Businesses (BU), Parks (PK), Schools (SC), etc.
Air: Debris (DB), Community (CM); Fires (FR)
Aspect: Radiation (RAD), other

ANALYTICAL LABORATORIES:

GOLD KING MINE: SAMPLING SPREADSHEET

Collecting Agency ¹ 23, 24, 25	System Name	Matrix ¹	Sub-Matrix ¹	Sample Location ¹	Proposed Samples ¹
					Proposed Date
EPA R6	Residential	DW	GWS	A0001	
EPA R6	Residential	DW	GWS	A0002	
EPA R6	Residential	DW	GWS	A0003	
EPA R6	Residential	DW	GWS	A0004	
EPA R6	Residential	DW	GWS	B0001	
EPA R6	Residential	DW	GWS	B0002	
EPA R6	Residential	DW	GWS	B0003	
EPA R6	Residential	DW	GWS	B0004	
EPA R6	Residential	DW	GWS	B0005	
EPA R6	Residential	DW	GWS	B0006	
EPA R6	Residential	DW	GWS	TB-B007	
EPA R6	Residential	DW	GWS	TB-B008	
EPA R6	Residential	DW	GWS	TB-B009	
EPA R6	Residential	DW	GWS	TB-B010	
EPA R6	Residential	DW	GWS	TB-B011	
EPA R6	Residential	DW	GWS	TB-B012	
EPA R6	Residential	DW	GWS	TB-B013	
EPA R6	Residential	DW	GWS	TC-C001	
EPA R6	Residential	DW	GWS	TC-C002	
EPA R6	Residential	DW	GWS	TC-C003	
EPA R6	Residential	DW	GWS	TC-C004	
EPA R6	Residential	DW	GWS	TC-C005	
EPA R6	Residential	DW	GWS	TE-E001	
EPA R6	Residential	DW	GWS	TE-E002	
EPA R6	Residential	DW	GWS	TE-E003	
EPA R6	Residential	DW	GWS	TE-E004	
EPA R6	Residential	DW	GWS	TE-E005	
EPA R6	Residential	DW	GWS	TF-F001	
EPA R6	Residential	DW	GWS	TF-F002	
EPA R6	Residential	DW	GWS	TF-F003	
EPA R6	Residential	DW	GWS	TF-F003	

[illegible]**KEY CODE**

COLLECTING AGENCY:

Environmental Protection Agency: EPA

SUB-MATRIX

Surface Water: Floodwaters (FW), Pumps (PU), Lakes (LK), Bayous (B)
 Drinking Water: Groundwater Source (GWS), Surface Water Source (SWS)
 Sediment: Streets (STR), Lake (LK), River (RV), Bayous (BA), Creek (C)
 Soil: Residential Yards (RY), Businesses (BU), Parks (PK), Schools (S)
 Air: Debris (DB), Community (CM); Fires (FR)
 Aspect: Radiation (RAD), other

SAMPLE LOCATION:

ADWS-ARP is now	ADW-010	Aztec Domestic Water System, Animas River Pump (PW
ADWS-IT1 is now	ADW-021	Aztec Domestic Water System, Intake #1 (PWS NM3509

ADWS-IT2 is now		ADW-022	Aztec Domestic Water System, Intake #2 (PWS NM3509
FWS-ARP1 is now		FW-011	Farmington Water System, Animas River Pump Station #
FWS-ARP2 is now		FW-012	Farmington Water System, Animas River Pump Station #
		FW-040	Farmington Water System, Farmer's Ditch pump station (
LVW-FD is now		LVW-030	Lower Valley Water Users Assn, Farmer's Ditch (PWS NM
LVW-WPI is now		LVW-020	Lower Valley Water Users Assn, Westland Park Intake (P
MWSS-ARI is now		MW-020	Morningstar Water Supply System, Animas River Intake (
NSW-ARI is now		NSW-020	North Star Water Users Assn, Animas River Intake (PWS
		FWS-FDPS	Farmington Water System, Farmers Ditch Pump Station

EPA-IMT WILL BE RESPONSIBLE FOR COMPLETING COLUMNS 1
EPA-RRC WILL B E RESPONSIBLE FOR COMPLETING COLUMNS

GOLD KING MINE: SAMPLING SPREADSHEET

[illegible]

Intake #2 (PWS NM3510224) (farmer's ditch?)
1 (PWS NM3510224) farmer's ditch pump station
2 (PWS NM3510224)
PWS NM3510224)
3510324)
WS NM3510324)
PWS NM3510524)
NM3520024)

COMPLETING COLUMNS DAILY BASIS
8 - 23 ON A DAILY BASIS

PLING SPREADSHEET

[illegible]

GOLD KING MINE: SAMPLING SPREADSHEET

Collecting Agency ¹ , 23, 24, 25	System Name	Matrix ¹	Sub-Matrix ¹	Sample Location ¹	Samples ¹
					Proposed Date
EPA R6	Aztec Domestic Water System	SED	RV	ADW-020	
EPA R6	Residential	SED	RV	T01-SED01	
EPA R6	Residential	SED	RV	T01-SED02	
EPA R6	Farmington Water System	SED	RV	FW-012	
EPA R6	Lower Valley Water System	SED	RV	LVW-020	
EPA R6	North Star Water System	SED	RV	NSW-020	
EPA R6	Lower Valley Water System	SED	RV	LVW-030	
EPA R6	Aztec Domestic Water System	SED	RV	ADW-022	
EPA R6	Farmington Water System	SED	RV	FW-040	
EPA R6	Morning Star Water System	SED	RV	MW-020	

KEY CODE

COLLECTING AGENCY:

Environmental Protection Agency: EPA

SUB-MATRIX

Surface Water: Floodwaters (FW), Pumps (PU), Lakes (LK), Bayous (BA)
 Drinking Water: Groundwater Source (GWS), Surface Water Source (SW)
 Sediment: Streets (STR), Lake (LK), River (RV), Bayous (BA), Creeks (C)
 Soil: Residential Yards (RY), Businesses (BU), Parks (PK), Schools (SC)
 Air: Debris (DB), Community (CM); Fires (FR)
 Aspect: Radiation (RAD), other

SAMPLE LOCATION:

ADWS-ARP is now	ADW-010	Aztec Domestic Water System, Animas River Pump (PWS NM
ADWS-IT1 is now	ADW-021	Aztec Domestic Water System, Intake #1 (PWS NM3509824)

ADWS-IT2	is now	ADW-022	Aztec Domestic Water System, Intake #2 (PWS NM3509824)
FWS-ARP1	is now	FW-011	Farmington Water System, Animas River Pump Station #1 (P
FWS-ARP2	is now	FW-012	Farmington Water System, Animas River Pump Station #2 (P
		FW-040	Farmington Water System, Farmer's Ditch pump station (PWS
LVW-FD	is now	LVW-030	Lower Valley Water Users Assn, Farmer's Ditch (PWS NM351
LVW-WPI	is now	LVW-020	Lower Valley Water Users Assn, Westland Park Intake (PWS
MWSS-ARI	is now	MW-020	Morningstar Water Supply System, Animas River Intake (PWS
NSW-ARI	is now	NSW-020	North Star Water Users Assn, Animas River Intake (PWS NM
		FWS-FDP	Farmington Water System, Farmers Ditch Pump Station

EPA-IMT WILL BE RESPONSIBLE FOR COMPLETING COLUMNS 1 - 7
EPA-RRC WILL B E RESPONSIBLE FOR COMPLETING COLUMNS 8

GOLD KING MINE: SAMPLING SPREADSHEET

Proposed Samples ¹		Collected Samples ¹		Analyses ^{21, 22}						Requested Analytical Turn Around Time ^{21, 22}
Number of Samples	Date Samples Collected	Number of Samples Collected	Total Metals (6010C, 6020A, 7471A)	Total Recoverable Metals (200.7, 200.8, 245.1) plus Hardness by Calc (SM2340B)	Dissolved Metals* (200.7, 200.8, 245.1)	TSS (SM2540D)	TDS (SM2540C)	Alkalinity (SM2320B)	pH (SM4500H+B)	
1	8/10/2015	1		X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR
1	8/11/2015			X						24 hr PR

MATRIX:

Surface Water: SW
Drinking water: DW
Sediments: SED
Soils: SS
Air: AIR
Aspect: APT

Lakes (LK), Creeks (CR), Ditches (DD), Rivers (RV), etc.
Surface Water Source (SWS)
CR), Drainage Ditches (DD), etc.
), etc.

as River Pump (PWS NM3509824)
e #1 (PWS NM3509824)

e #2 (PWS NM3510324) farmer's ditch?)
WS NM3510224) farmer's ditch pump station
WS NM3510224)
NM3510224)
0324)
NM3510324)
NM3510524)
3520024)

PLETING ON A DAILY BASIS
- 23 ON A DAILY BASIS

NG SPREADSHEET

		Preliminary Results ^{21,22}		Data Validation ²¹		Input into SCRIBE ²¹	
Assigned Laboratory ^{21, 23, 24, 25}	Lab Date Received	Anticipated Date	Actual Date Received	Target Date	Actual Date Received	Target Date	Actual Date
TA Savannah	8/11/2015	8/12/2015		8/13/2015		8/14/2015	
TA Savannah							
TA Savannah							
TA Savannah							
TA Savannah							
TA Savannah							
TA Savannah							
TA Savannah							
TA Savannah							
TA Savannah							

Turn Around Time:

24-hour: 24 hr
 48-hour: 48 hr
 72-hour: 72 hr
 7-day: 7-day

ACCOUNTIBILITY CODE:

1 - EPA IMT
 2 - EPA RRC
 3 - EPA SFLT
 4 - EPA Headquarters
 5 - 20 Other EPA Entit

ANALYTICAL LABORATORIES:

TestAmerica Savannah (TAS)

EPA QC of Results ²		EPA Risk Analysis ³		EPA Data Release ⁴		Remarks
Target Date	Actual Date	Target Date	Actual Date	Target Date	Actual Date	

DE:

- EPA IMT
- EPA RRC
- EPA SFLT
- EPA Headquarters
- 20 Other EPA Entities

- 21 - START
- 22 - Laboratories
- 25 - USGS

8/11/2015	8/10/2015	42226
8/11/2015	8/10/2015	42226
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